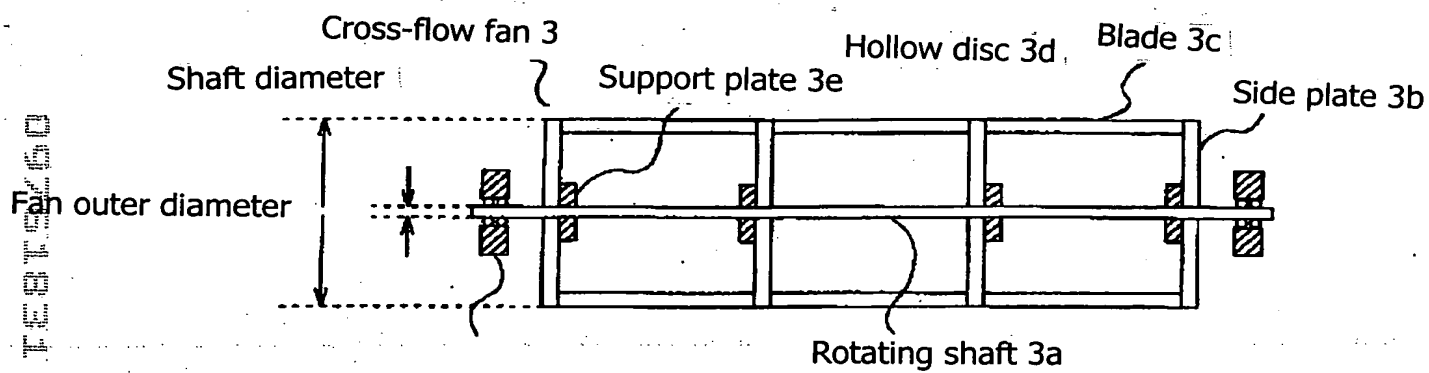


FIG. 1

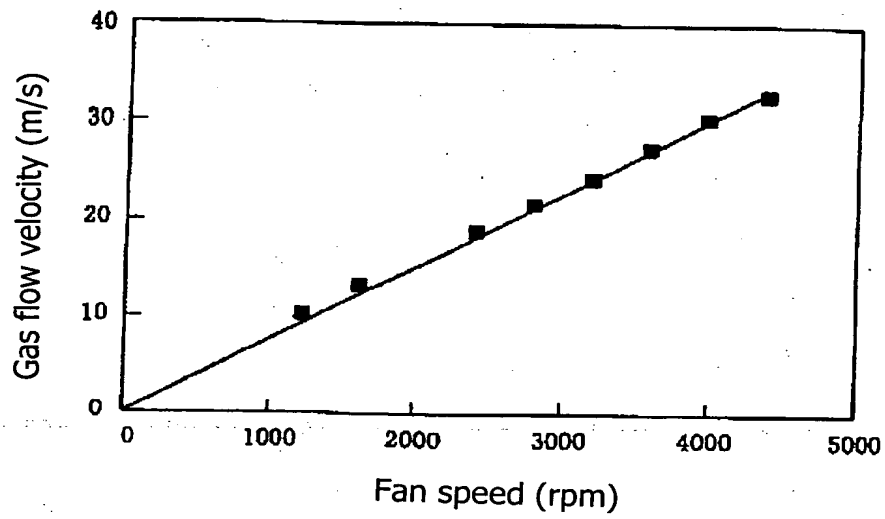
Diagram that shows the structure of a cross-flow fan for gas circulation in an embodiment of the present invention.



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FIG. 2

Diagram showing measurements of the gas flow rate versus the speed of rotation of a cross-flow fan in this embodiment



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FIG. 3

Diagram showing results of measuring the vertical vibration acceleration in a laser chamber versus the speed of rotation of a cross-flow fan

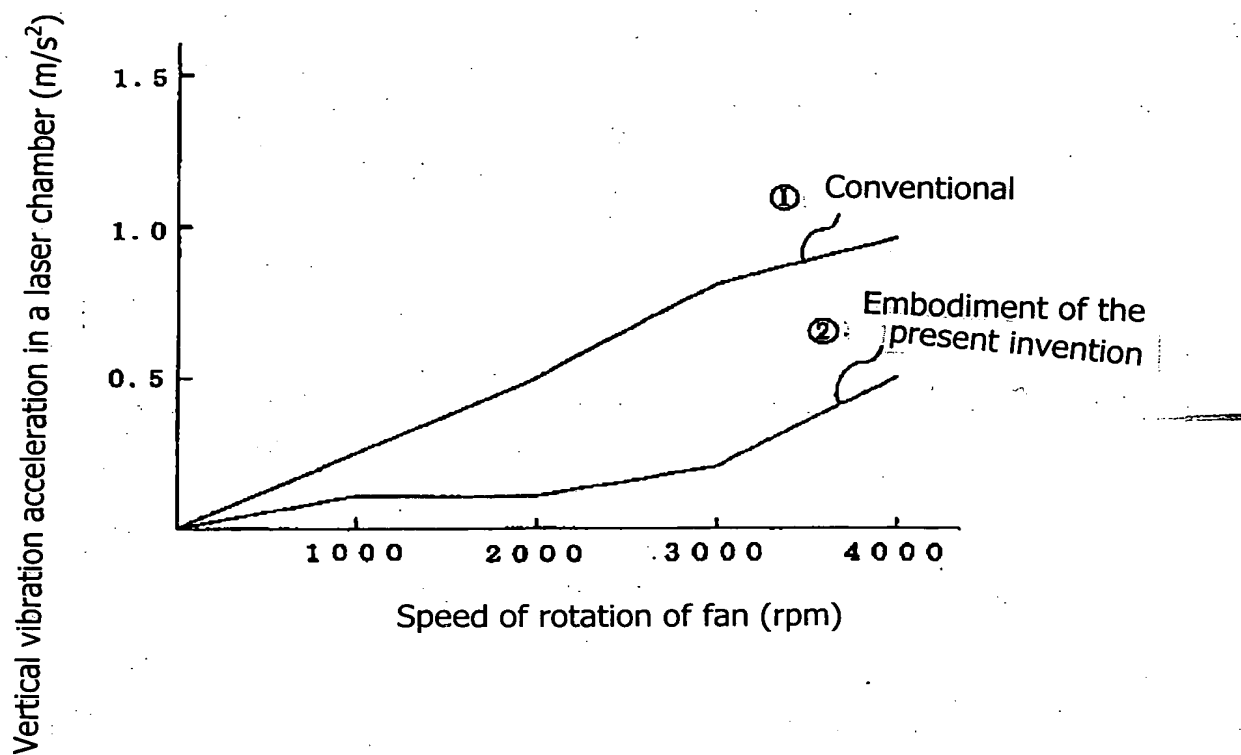


FIG. 4

Cross-sectional view of hollow rotating shaft mounted in a cross-flow fan in an embodiment of the present invention.

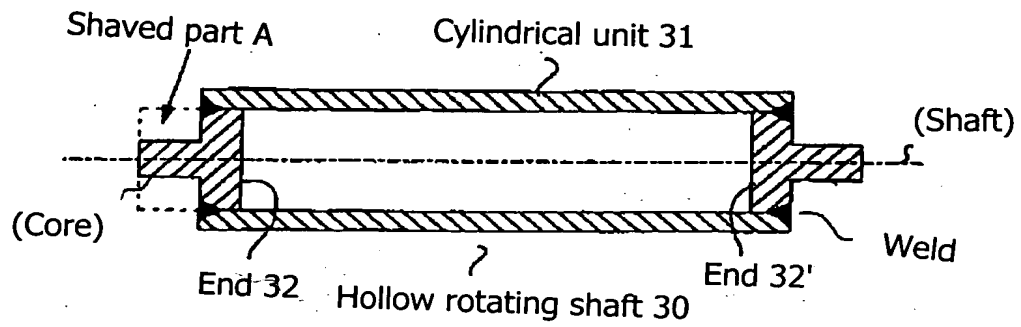
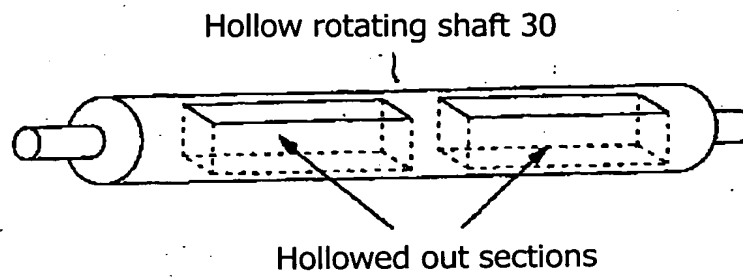


FIG. 5

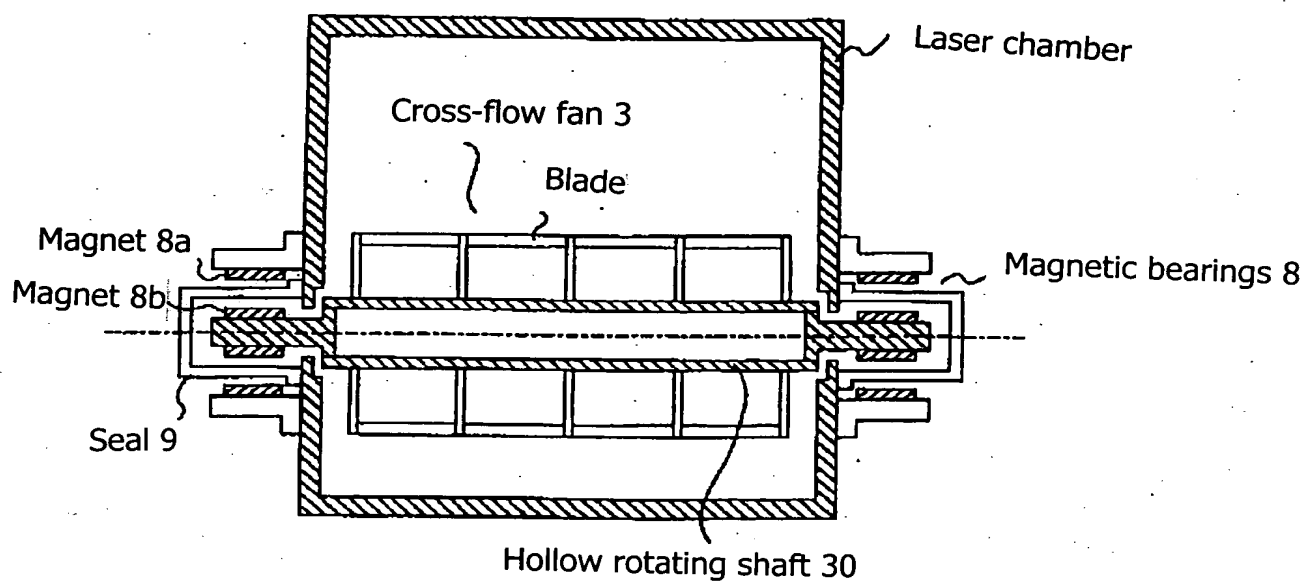
Diagram showing another example of a hollow rotating shaft



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FIG. 6

Cross-sectional view of the basic structure of a chamber of an excimer laser device using magnetic bearings and a hollow rotating shaft



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FIG. 7(a)

Schematic diagram showing the interior of a laser chamber in an excimer laser device.

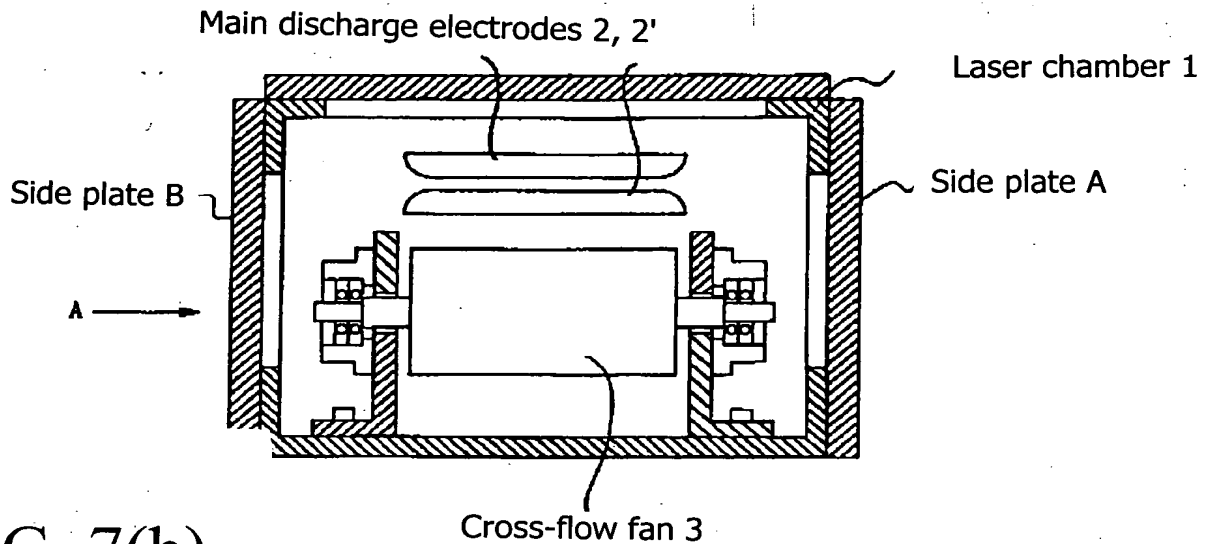


FIG. 7(b)

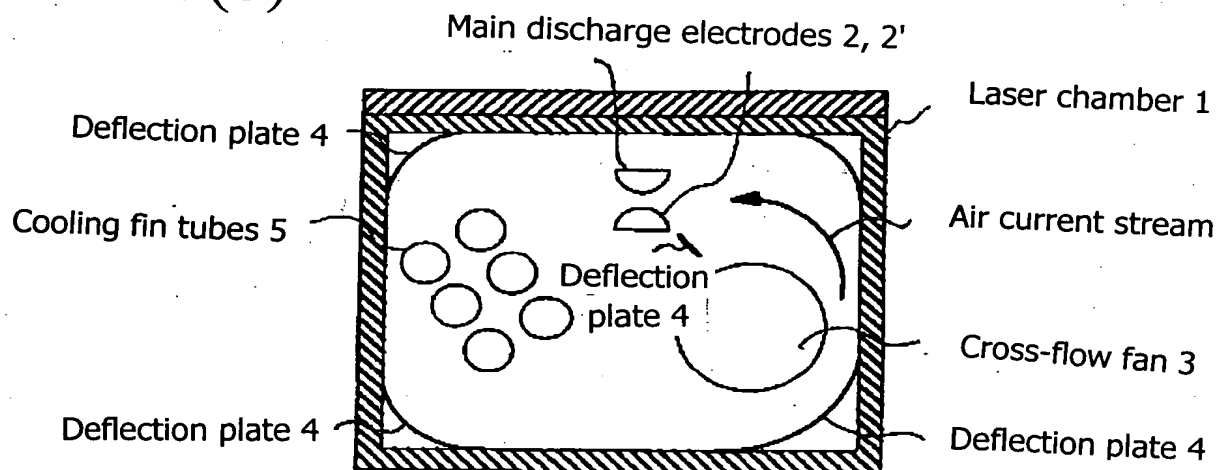
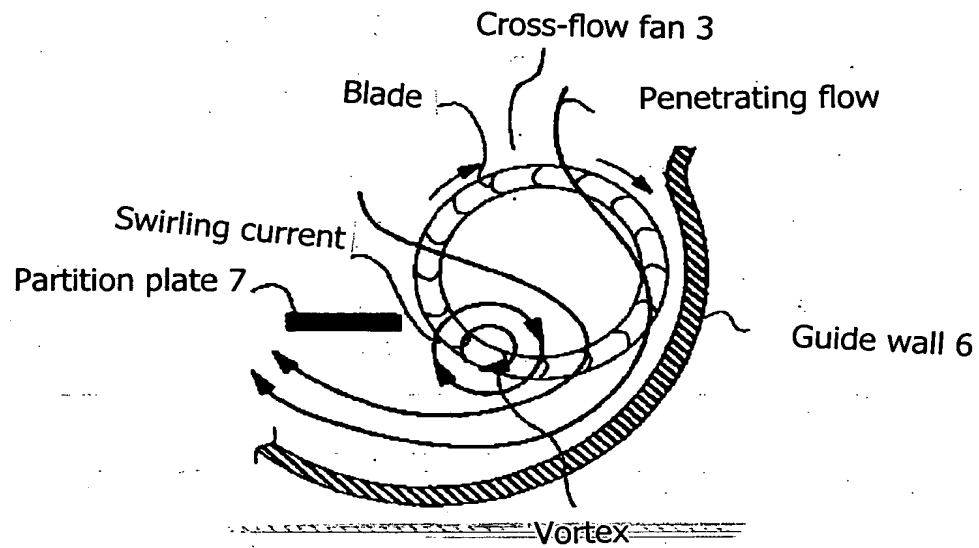


FIG. 8

Cross-sectional view of a cross-flow fan housed in a casing



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FIG. 9(a)

Example of misalignment of cross-flow fan rotating shaft.

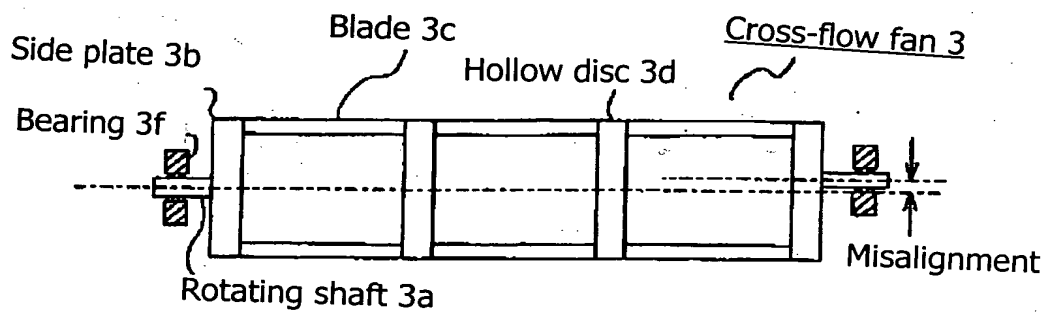


FIG. 9(b)

